



Troy industries inc.

The cutting edge of technology



Troy Industries Services:

- CNC Turning & Milling
- 3D Contour Machining
- Fixtures & Prototypes
- Dies & Molds
- Indexable Tooling
- Specialty Tooling
- Design & Build



Providing Customers With:

- Guaranteed Quality
- Maximum Machining Efficiency
- Lowest Manufacturing Costs
- Friendly Customer Service

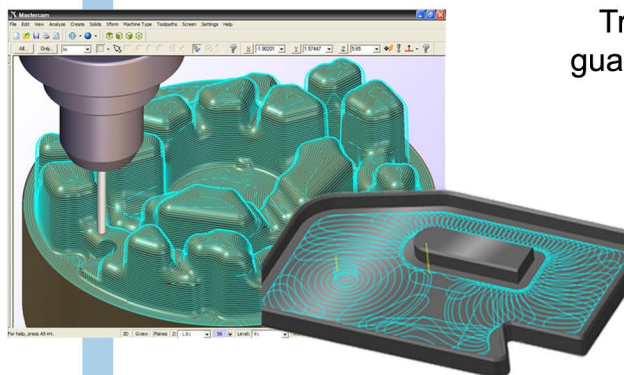


Mission Statement:

Troy Industries Inc. will continually improve and excel on quality, efficiency, and innovation to achieve and exceed the needs of our customer's satisfactions.

Troy Industries Benefits:

Troy Industries offers fast on time quality machining services guaranteeing our customers the best competitive pricing around.



ISO 9001:2008

Cage Code: 5KUJ9

Duns #: 095401048

Serving a wide cross sections of manufacturing industries.





TROY INDUSTRIES INC. EQUIPMENT LIST



KASUGA QUANTUM CNC Milling Machine

Model #: Q-2000V-42



Our Biggest Machine 95" x 40" Working Table

The Kasuga Q-2000V-42 is a heavy duty rigid milling machine with an 11,000 lbs work load, high torque motors, CAT-50 tooling, 45 HP, and a Z axis thrust of 24,281 ft/lbs. This machine is great for quickly roughing to finishing large molds and dies.

Work Table:

- Working Area: 95" x 40"
- Max. Table Load: 2,200 Lbs

Travel Range:

- X Axis: 80.00"
- Y Axis: 42.00"
- Z Axis: 28.00"

Tool Changer & Spindle:

- Holder Type: CAT50
- Tool Storage: 40 Capacity
- 6,000 RPMs With 45 HP



KASUGA QUANTUM CNC Milling Machine

Model #: Q-1000V



12,000RPMs CAT-50 Spindle

Work Table:

- Working Area: 55" x 23.6"
- Max. Table Load: 2,200 Lbs

Travel Range:

- X Axis: 42.00"
- Y Axis: 24.00"
- Z Axis: 25.60"

Tool Changer & Spindle:

- Holder Type: CAT50
- Tool Storage: 30 Capacity
- 12,000 RPMs With 25 HP

With a 12,000 RPM spindle using CAT-50 tooling the Kasuga Q-1000V is a machine with great rigidity and speed. It's an excellent machine for quickly milling mid-size molds & dies. Plus having 12,000 RPMs this machine can quickly and efficiently cut jobs that have fine detail pockets that use small size end mills.

DEPO CNC Milling Machine

Model #: MCFV-125

With built-in Heidenhain Linear Glass Scales the DEPO has additional accuracy & precision for jobs that require tighter tolerances.



High Precision Linear Glass Scales



Work Table:

- Working Area: 57" x 24"
- Max. Table Load: 3,000 Lbs

Travel Range:

- X Axis: 50.00"
- Y Axis: 30.00"
- Z Axis: 36.00"

Tool Changer & Spindle:

- Holder Type: CAT50
- Tool Storage: 32 Capacity
- 6000 RPM's With 25 HP

HAAS CNC Milling Machine

Model #: VF-3

Since the HAAS uses CAT-40 tooling it is best utilized for milling smaller parts. However, with 4th axis capability it can shorten milling time when machining more complex parts.



8" 4th Axis Rotary Table Capability

Work Table:

- Working Area: 48" x 18"
- Max. Table Load: 3,500 Lbs

Travel Range:

- X Axis: 40.00"
- Y Axis: 20.00"
- Z Axis: 25.00"

Tool Changer & Spindle:

- Holder Type: CAT40
- Tool Storage: 32 Capacity
- 7,500 RPMs With 15 HP

MONFORTS CNC Lathe Machine

Model #: RNC 400 AC



Live Tooling C-axis Interpolation On X & Z Axes

Fast, accurate, reliable, and with C-axis live tooling capabilities this lathe is perfect for a wide range of turning applications. With shorter production cycles and less setup time this lathe will get the job done.

Working Range:

- Max Swing Dia: 16.54"
- Max Swing Dia. Over Radial Slide: 11.02"
- Traverse X-Axis: 9.84"
- Traverse Z-Axis: 24.40"
- Turning Length: 23.62"

Spindle:

- Spindle Diameter: 5.12"
- Max Bar Capacity: 2.56"

Tail Stock

- Max Distance Between Chuck & Tail Stock: 48"

Live Tooling Capability

- Live Tooling Horse Power: 18 HP
- Live Tooling Speed: 4,500 RPMs
- Tool Changer Stations: 12

MHP CNC Lathe Machine

Model #: MTC-3

- Max Machine Diameter: 15.75"
- Max Swing Over Bed: 17.75"
- Max Longitudinal Travel: 21.5"
- Max Distance Between Chuck & Tailstock: 19.5"
- Max Turning Length With Standard Chuck: 15.75"
- Max Cross Travel: 8.0"
- Max Turning Dia Between Centers: 10"
- Max Machine Diameter: 15.75"
- Max Swing Over Bed: 17.75"
- Max Longitudinal Travel: 21.5"
- Max Distance Between Chuck & Tail Stock: 19.5"
- Max Turning Length With Standard Chuck: 15.75"
- Max Cross Travel: 8.0"
- Max Turning Dia Between Centers: 10"



Standard 2 Axis Lathe

Standard 2 Axis lathe best used for turning small to medium size parts. Machine is best used for turning simple geometrical parts.

Other Machines

- Spindle Wizard Series II CNC Mill
- 2 Manual Lathes
 - LeBlond Makino
 - Hardinge
- 6 Bridgeports
- KENT: MAX-D Surface Grinder
- MILLER: TIG & ARC Welder
- Automatic Horizontal Cycle Band Saw
- Vertical Band Saw

Software

- MasterCAM X7
- AutoCAD Mechanical 2011
- Autodesk Inventor 2011



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